

(19) 世界知的所有権機関  
国際事務局



(43) 国際公開日  
2001年5月25日 (25.05.2001)

PCT

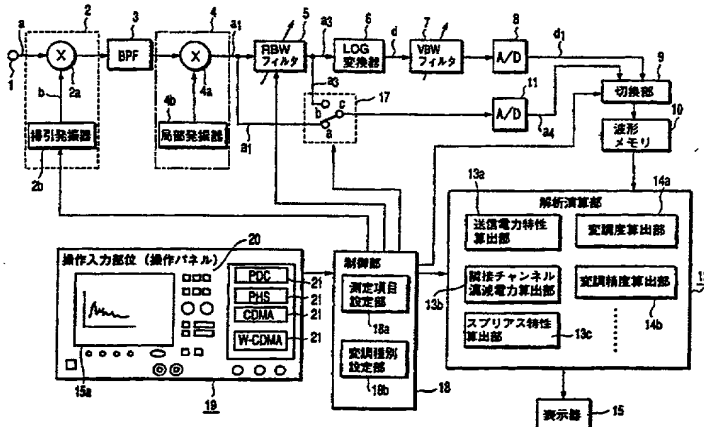
(10) 国際公開番号  
WO 01/37502 A1

- (51) 国際特許分類<sup>7</sup>: H04L 27/00, G01R 106-8570 東京都港区南麻布五丁目10番27号 Tokyo (JP).
- (21) 国際出願番号: PCT/JP00/07842 (72) 発明者; および
- (22) 国際出願日: 2000年11月8日 (08.11.2000) (75) 発明者/出願人 (米国についてのみ): 岡田朋久 (OKADA, Tomohisa) [JP/JP]; 〒259-1114 神奈川県伊勢原市高森6-5-5-B-103 Kanagawa (JP).
- (25) 国際出願の言語: 日本語
- (26) 国際公開の言語: 日本語 (74) 代理人: 鈴江武彦, 外(SUZUYE, Takehiko et al.); 〒100-0013 東京都千代田区霞が関3丁目7番2号 鈴榮内外国特許法律事務所内 Tokyo (JP).
- (30) 優先権データ: 特願平 11/322466 1999年11月12日 (12.11.1999) JP (81) 指定国 (国内): JP, US.
- (71) 出願人 (米国を除く全ての指定国について): アンリツ株式会社 (ANRITSU CORPORATION) [JP/JP]; 〒 添付公開書類:  
— 国際調査報告書

[続葉有]

(54) Title: MODULATED SIGNAL ANALYZING DEVICE

(54) 発明の名称: 変調信号解析装置



- 2b...SWEEP OSCILLATING UNIT  
4b...LOCAL OSCILLATING UNIT  
5...RBW FILTER  
6...LOG CONVERTER  
7...VBW FILTER  
9...SWITCHING UNIT  
10...WAVEFORM MEMORY  
12...ANALYSIS OPERATION UNIT  
13a...TRANSMISSION POWER CHARACTERISTIC CALCULATION UNIT  
13b...ADJACENT-CHANNEL LEAKAGE REDUCED POWER CALCULATION UNIT  
13c...SPURIOUS CHARACTERISTIC CALCULATION UNIT  
14a...MODULATION DEGREE CALCULATION UNIT  
14b...MODULATION PRECISION CALCULATION UNIT  
15...DISPLAY  
18...CONTROL UNIT  
18a...MEASUREMENT ITEM SETTING UNIT  
18b...MODULATION TYPE SETTING UNIT  
19...OPERATION INPUT PART (OPERATION PANEL)

(57) Abstract: An analysis operation unit performs frequency analysis of a modulated signal to be analyzed outputted from a level converter and modulation analysis of a modulated signal selected by a signal selection circuit by using a digital signal converted by an A/D converter so as to subject the digital level signal of the modulated signal to be analyzed to modulation analysis. A control unit instructs the analysis operation unit to execute the analysis instruction inputted through an operation input unit, transmits a selection instruction according to the type of modulation of the inputted modulated signal to the signal selection circuit, and determines the band width of an RBW filter according to the type of modulation if a modulated signal the band of which is limited by the RBW filter is selected as the modulated signal to be inputted to the A/D converter and if the modulation analysis instruction is inputted.

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## A B S T R A C T

An analysis operation section uses a digital signal converted by an A/D converter, and performs frequency analysis for a modulation signal and modulation analysis for the modulation signal selected by a signal selection circuit in order to modulate/analyze a digital signal level of the modulation signal as an analysis object outputted from a level converter. A controller instructs the analysis operation section to execute an analysis instruction inputted via an operation input section, sends a selection instruction to the signal selection circuit in accordance with a modulation type of the inputted modulation signal, and sets a bandwidth of an RBW filter in accordance with the modulation type when the modulation signal having a band limited by the RBW filter is selected as the modulation signal inputted to the A/D converter, and the modulation analysis instruction is inputted.

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